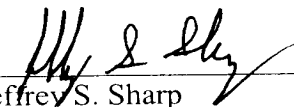


**PATENT APPLICATION**  
Attorney Docket No.: 27656/38053

#9  
JDS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hafen, E.	)	I hereby certify that this paper is being
	)	deposited with the United States Postal
Serial No.: 10/019,098	)	Service as First Class Mail, postage
	)	prepaid in an envelope addressed to:
Filed: April 4, 2002	)	Commissioner for Patents, Washington,
	)	D.C. 20231, on this date:
For: In Vivo Model System for Type-2 Diabetes	)	
	)	June 6, 2002
Group Art Unit: 1645	)	
	)	
Examiner: To be assigned	)	Jeffrey S. Sharp
	)	Registration No. 31,879
	)	Attorney for Applicants

**RECEIVED**  
JUN 11 2002  
TECH CENTER 1600/2900

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. §§1.56, 1.97 AND 1.98**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

The applicants request that the documents listed on the attached Form PTO-1449 be made of official record in the above-identified application and considered by the Examiner. Copies of all listed documents are submitted herewith.

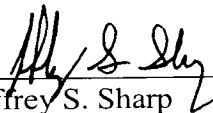
This Information Disclosure Statement is not intended to be an admission that a search has been made, that other relevant art does not exist, or that any of the information disclosed herein constitutes prior art under 35 U.S.C. §102 or 35 U.S.C. §103.

This Information Disclosure Statement is submitted before the receipt of an Office Action on the merits of the above-identified application and consequently should be considered by the Patent Office without payment of a fee. See 37 C.F.R. §1.97(b).

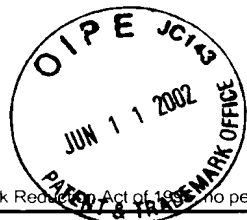
However, please charge any necessary fees due in connection with this Information Disclosure Statement to Deposit Account No. 13-2855. A copy of this paper is enclosed herewith.

MARSHALL, GERSTEIN & BORUN  
6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6357  
(312) 474-6300

By:

  
\_\_\_\_\_  
Jeffrey S. Sharp  
Registration No.: 31,879  
Attorney for Applicants

June 6, 2002



PTO/SB/08B (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/019,098	
			Filing Date	April 4, 2002	
			First Named Inventor	Ernst Hafen	
			Group Art Unit	1645	
			Examiner Name	To be assigned	
Sheet	1	276	1	Attorney Docket Number	27656/38053

RECEIVED

JUN 13 2002

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
	A1	4,774,321	09-07-1988	Rosner et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code-Number-Kind Code (if known)				
	B1	WO 99/05258	02-04-1999	The Regents of the University of California		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	C1	Berg et al., "Studies on the Rate and Site-Specificity of <i>P</i> Element Transposition," <i>Genetics</i> , 127:515-524 (1991).	
	C2	Bohni et al., "Autonomous Control of Cell and Organ Size by CHICO, a <i>Drosophila</i> Homolog of Vertebrate IRS1-4," <i>Cell</i> , 97:865-875 (1999).	
	C3	Edgar, B., "From Small Flies Come Big Discoveries About Size Control," <i>Nat. Cell. Biol.</i> , 1:E191-E193 (1999).	
	C4	Leevers et al., "The <i>Drosophila</i> Phosphoinositide 3-Kinase Dp110 Promotes Cell Growth," <i>EMBO Journal</i> , 15:6584-6594 (1996).	
	C5	Leevera, S., "All Creatures Great and Small," <i>Science</i> , 285:2082-2083 (1999).	
	C6	LeRoith, D., "Editorial: A Novel <i>Drosophila</i> Insulin Receptor : Fly in the Ointment or Evolutionary Conservation," <i>Endocrinology</i> , 136:2355-2356 (1995).	
	C7	Molz et al., "Cpk is a Novel Class of <i>Drosophila</i> PtdIns 3-Kinase Containing a C2 Domain," <i>J.</i> <i>Biol. Chem.</i> , 271:13892-13899 (1996).	
	C8	The et al., "Rescue of a <i>Drosophila</i> NF1 Mutant Phenotype by Protein Kinase A," <i>Science</i> , 276:791-794 (1997).	
	C9	Weinkove et al., "The Genetic Control of Organ Growth: Insights from <i>Drosophila</i> ," <i>Curr. Opin.</i> <i>Genet. Dev.</i> , 10:75-80 (2000).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant